

| INLET CONTROL DEVICE DATA TABLE - AREA A-5 | | | | | | | |
|--|----------------------|------------------|------------------------------|------------------------|-----------------|---------------------|-------------|
| DESIGN EVENT | ICD TYPE (PLUG TYPE) | OUTLET STRUCTURE | DIAMETER OF OUTLET PIPE (mm) | PEAK DESIGN FLOW (L/s) | DESIGN HEAD (m) | WATER ELEVATION (m) | VOLUME (m³) |
| 1.2 YR | CIRCULAR PLUG | 1200mmØ STMH 204 | 250mmØ PVC | 27.3 | 0.90 | 97.95 | 4.8 |
| 1.5 YR | | | | 34.7 | 1.38 | 98.48 | 7.3 |
| 1:100 YR | | | | 47.8 | 2.62 | 99.72 | 20.7 |
| AVAILABLE STORAGE | | | | | | | 50.2 m³ |

| ROOF DRAIN TABLE: AREA R-1 (FOR DRAINS RD 1 TO RD 8) | | | | | | | |
|--|-----------------------------|---------------|-----------------------|----------------------------|--------------------------|------------------------------|---|
| AREA ID * | ROOF DRAIN No (WATTS MODEL) | WEIR SETTING | 1.5 YEAR RELEASE RATE | APPROX. 5 YR PONDING DEPTH | 1:100 YEAR PONDING DEPTH | APPROX. 100 YR PONDING DEPTH | |
| R-1 | RD 1 (RD-100-A-ADJ.) | FULLY EXPOSED | 1.26 L/s | 10 cm | 1.58 L/s | 13 cm | |
| R-1 | RD 2 (RD-100-A-ADJ.) | FULLY EXPOSED | 1.26 L/s | 10 cm | 1.58 L/s | 14 cm | |
| R-1 | RD 3 (RD-100-A-ADJ.) | 1/2 EXPOSED | 0.95 L/s | 10 cm | 1.10 L/s | 13 cm | |
| R-1 | RD 4 (RD-100-A-ADJ.) | 1/2 EXPOSED | 0.95 L/s | 10 cm | 1.10 L/s | 13 cm | |
| R-1 | RD 5 (RD-100-A-ADJ.) | FULLY EXPOSED | 1.26 L/s | 11 cm | 1.58 L/s | 14 cm | |
| R-1 | RD 6 (RD-100-A-ADJ.) | 1/2 EXPOSED | 0.95 L/s | 10 cm | 1.10 L/s | 13 cm | |
| R-1 | RD 7 (RD-100-A-ADJ.) | 1/2 EXPOSED | 0.95 L/s | 10 cm | 1.10 L/s | 13 cm | |
| R-1 | RD 8 (RD-100-A-ADJ.) | 1/2 EXPOSED | 0.95 L/s | 10 cm | 1.10 L/s | 13 cm | |
| TOTALS | - | - | 8.53 L/s | - | 10.24 L/s | - | - |

| ROOF DRAIN TABLE: AREA R-2 (FOR DRAINS RD 1 TO RD 6) | | | | | | | |
|--|-----------------------------|---------------|-----------------------|----------------------------|--------------------------|------------------------------|---|
| AREA ID * | ROOF DRAIN No (WATTS MODEL) | WEIR SETTING | 1.5 YEAR RELEASE RATE | APPROX. 5 YR PONDING DEPTH | 1:100 YEAR PONDING DEPTH | APPROX. 100 YR PONDING DEPTH | |
| R-2 | RD 1 (RD-100-A-ADJ.) | FULLY EXPOSED | 1.26 L/s | 10 cm | 1.58 L/s | 13 cm | |
| R-2 | RD 2 (RD-100-A-ADJ.) | FULLY EXPOSED | 1.26 L/s | 10 cm | 1.58 L/s | 13 cm | |
| R-2 | RD 3 (RD-100-A-ADJ.) | 1/2 EXPOSED | 0.95 L/s | 10 cm | 1.10 L/s | 13 cm | |
| R-2 | RD 4 (RD-100-A-ADJ.) | 1/2 EXPOSED | 0.95 L/s | 10 cm | 1.10 L/s | 13 cm | |
| R-2 | RD 5 (RD-100-A-ADJ.) | FULLY EXPOSED | 1.26 L/s | 10 cm | 1.58 L/s | 13 cm | |
| R-2 | RD 6 (RD-100-A-ADJ.) | FULLY EXPOSED | 1.26 L/s | 11 cm | 1.58 L/s | 14 cm | |
| TOTALS | - | - | 6.94 L/s | - | 8.82 L/s | - | - |

* REFER TO THE SERVING AND STORMWATER MANAGEMENT REPORT (R-2024-129) PREPARED BY NOVATECH FOR DRAINAGE AREA IDENTIFIERS AND STORMWATER MANAGEMENT DETAILS.

LEGEND

- PROPERTY LINE
- PROPOSED CURB
- PROPOSED DEPRESSED CURB
- PROPOSED CAP
- PROPOSED SANITARY SEWER AND MANHOLE
- PROPOSED STORM SEWER AND MANHOLE
- PROPOSED CATCHBASIN MANHOLE
- PROPOSED CATCHBASIN
- PROPOSED WATER SERVICE
- PROPOSED HYDRANT c/w LEAD & VALVE
- PROPOSED VALVE AND VALVE BOX
- PROPOSED DISTRICT METER AREA CHAMBER PER CITY STANDARD W3.1
- PROPOSED WATER METER
- PROPOSED REMOTE METER
- PROPOSED BUILDING ENTRANCE
- DIRECTION OF FLOW
- PROPOSED RETAINING WALL
- EXISTING UTILITY POLE c/w GUY WIRES
- EXISTING WATERMAIN c/w VALVE & VALVE CHAMBER
- EXISTING HYDRANT c/w VALVE & LEAD
- EXISTING SANITARY MANHOLE & SEWER
- EXISTING STORM MANHOLE & SEWER
- EXISTING CATCHBASIN

GENERAL NOTES:

- COORDINATE AND SCHEDULE ALL WORK WITH OTHER TRADES AND CONTRACTORS.
- DETERMINE THE EXACT LOCATION, SIZE, MATERIAL AND ELEVATION OF ALL EXISTING UTILITIES PRIOR TO COMMENCING CONSTRUCTION. PROTECT AND ASSUME RESPONSIBILITY FOR ALL EXISTING UTILITIES WHETHER OR NOT SHOWN ON THIS DRAWING.
- OBTAIN ALL NECESSARY PERMITS AND APPROVALS FROM THE CITY OF OTTAWA BEFORE COMMENCING CONSTRUCTION.
- BEFORE COMMENCING CONSTRUCTION OBTAIN AND PROVIDE PROOF OF COMPREHENSIVE, ALL RISK AND OPERATIONAL LIABILITY INSURANCE FOR \$5,000,000.00. INSURANCE POLICY TO NAME OWNERS, ENGINEERS AND ARCHITECTS AS CO-INSURED.
- RESTORE ALL DISTURBED AREAS ON-SITE AND OFF-SITE, INCLUDING TRENCHES AND SURFACES ON PUBLIC ROAD ALLOWANCES TO EXISTING CONDITIONS OR BETTER TO THE SATISFACTION OF THE CITY OF OTTAWA AND ENGINEER.
- REMOVE FROM SITE ALL EXCESS EXCAVATED MATERIAL, ORGANIC MATERIAL AND DEBRIS UNLESS OTHERWISE INSTRUCTED BY ENGINEER. EXCAVATE AND REMOVE FROM SITE ANY CONTAMINATED MATERIAL. ALL CONTAMINATED MATERIAL SHALL BE DISPOSED OF AT A LICENSED LANDFILL FACILITY.
- ALL ELEVATIONS ARE GEODETIC.
- REFER TO GEOTECHNICAL REPORT PTG262-1, DATED NOVEMBER 14, 2024, PREPARED BY PATERSON GROUP, FOR SUBSURFACE CONDITIONS, CONSTRUCTION RECOMMENDATIONS, AND GEOTECHNICAL INSPECTION REQUIREMENTS. THE GEOTECHNICAL CONSULTANT IS TO REVIEW ON-SITE CONDITIONS AFTER EXCAVATION PRIOR TO PLACEMENT OF THE GRANULAR MATERIAL.
- REFER TO ARCHITECT'S AND LANDSCAPE ARCHITECT'S DRAWINGS FOR BUILDING AND HARDSURFACE AREAS AND DIMENSIONS.
- REFER TO SERVING AND STORMWATER MANAGEMENT REPORT (R-2024-129) PREPARED BY NOVATECH ENGINEERING CONSULTANTS LTD.
- SAW CUT AND KEY GRIND ASPHALT AT ALL ROAD CUTS AND ASPHALT TIE IN POINTS AS PER CITY OF OTTAWA STANDARDS (R10).
- PROVIDE LINE/PARKING PAINTING.
- CONTRACTOR TO PROVIDE THE CONSULTANT WITH A GENERAL PLAN OF SERVICES INDICATING ALL SERVING AS-BUILT INFORMATION SHOWN ON THIS PLAN. AS-BUILT INFORMATION MUST INCLUDE: PIPE MATERIAL, SIZES, LENGTHS, SLOPES, INVERT AND TIO ELEVATIONS, STRUCTURE LOCATIONS, VALVE AND HYDRANT LOCATIONS, TWM ELEVATIONS AND ANY ALIGNMENT CHANGES, ETC.

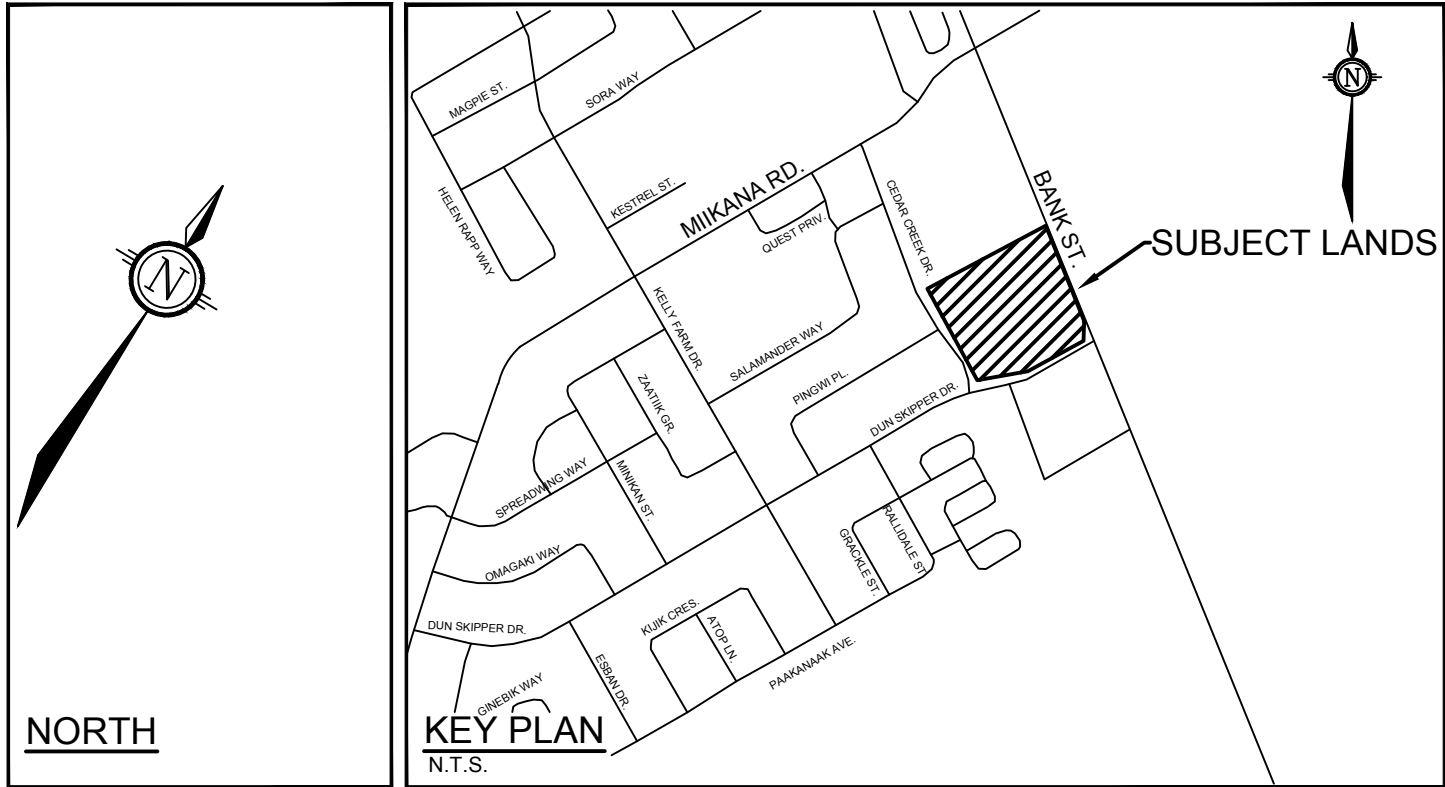
SEWER NOTES:

- SUPPLY AND CONSTRUCT ALL SEWERS AND APPURTENANCES IN ACCORDANCE WITH THE MOST CURRENT CITY OF OTTAWA STANDARDS AND SPECIFICATIONS.
- SPECIFICATIONS:

| ITEM | SPEC. No. | REFERENCE |
|-----------------------------------|-----------------------|----------------|
| CATCHBASIN (600x600mm) | 705.010 | OPSD |
| STORM / SANITARY MANHOLE (1200mm) | 701.010 | OPSD |
| STORM / SANITARY MANHOLE (1500mm) | 701.011 | OPSD |
| STORM / SANITARY MANHOLE (1800mm) | 701.012 | OPSD |
| CB. FRAME & COVER | 519 | CITY OF OTTAWA |
| STORM / SANITARY MH FRAME & COVER | 401.010 - TYPE 'A' | OPSD |
| CATCHBASIN MANHOLE FRAME & COVER | 401.010 - TYPE 'B' | OPSD |
| SEWER TRENCH | S29 | CITY OF OTTAWA |
| PERFORATED PIPE (SUBDRAIN) | S30 | CITY OF OTTAWA |
| CATCHBASIN ELBOW | S31 | CITY OF OTTAWA |
| INSULATION FOR SHALLOW SEWERS | S35 | CITY OF OTTAWA |
| ALUMINUM SAFETY PLATFORM | 404.020 | OPSD |
| DROP STRUCTURE | 1003.010 | OPSD |
| STORM SEWER | PVC DR 35 / CONC 60-D | OPSD |
| CATCHBASIN LEAD | PVC DR 35 | OPSD |
- ALL STORM AND SANITARY SERVICE LATERALS SHALL BE EQUIPPED WITH BACKFLOW PREVENTION DEVICES AS PER THE CITY OF OTTAWA STANDARD DETAILS S14 AND S14.1 OR S14.2.
- INSULATE SANITARY AND STORM PIPES THAT HAVE LESS THAN 20cm COVER WITH H-40 INSULATION PER CITY OF OTTAWA STANDARD DETAIL S35.
- SERVICES ARE TO BE CONSTRUCTED TO 1.0m FROM FACE OF BUILDING AT A MINIMUM SLOPE OF 1.0%.
- PIPE BEDDING, COVER AND BACKFILL ARE TO BE COMPACTED TO AT LEAST 95% OF THE STANDARD PROCTOR MAXIMUM DRY DENSITY. THE USE OF CLEAR CRUSHED STONE AS A BEDDING LAYER SHALL NOT BE PERMITTED.
- FLEXIBLE CONNECTIONS ARE REQUIRED FOR CONNECTING PIPES TO MANHOLES (FOR EXAMPLE KOR-SEAL, PSX, POSITIVE SEAL AND DURASEAL). THE CONCRETE CRADLE FOR THE PIPE CAN BE ELIMINATED.
- THE OWNER SHALL REQUIRE THAT THE SITE SERVING CONTRACTOR PERFORM FIELD TESTS FOR QUALITY CONTROL OF ALL SANITARY SEWERS. LEAKAGE TESTING SHALL BE COMPLETED IN ACCORDANCE WITH OPSD 410.07.16, 410.07.18 AND 407.07.24 DYE TESTING IS TO BE COMPLETED ON ALL SANITARY SERVICES TO CONFIRM PROPER CONNECTION TO THE SANITARY SEWER MAIN. THE FIELD TESTS SHALL BE PERFORMED IN THE PRESENCE OF A CERTIFIED PROFESSIONAL ENGINEER WHO SHALL SUBMIT A CERTIFIED COPY OF THE TEST RESULTS.
- ALL STORM MANHOLES AND CATCHBASIN MANHOLES ARE TO HAVE 300mm SUMPS UNLESS OTHERWISE INDICATED. ALL CATCHBASINS ARE TO HAVE 600mm SUMPS UNLESS OTHERWISE INDICATED. ALL CATCHBASINS TO HAVE 3.0m OF FILTER-CLOTH WRAPPED 100mm PVC PERFORATED SUBDRAIN IN AN UPWARD DIRECTION PER GEOTECHNICAL RECOMMENDATIONS.
- ALL CATCHBASINS, MANHOLES AND/OR CATCHBASIN MANHOLES THAT ARE TO HAVE ICD'S INSTALLED WITHIN THEM ARE TO HAVE 600mm SUMPS.
- ALL WEEDING TILE CONNECTIONS TO BE MADE TO THE PROPOSED STORM SEWER SYSTEM DOWNSTREAM OF ANY INLET CONTROL DEVICES.
- ROOF DRAINAGE IS NOT PERMITTED TO BE CONNECTED TO THE BUILDING FOUNDATION DRAINAGE SYSTEM.
- CONTRACTOR TO TELEVISION (CCTV) ALL PROPOSED SEWERS, 200mmØ OR GREATER PRIOR TO BASE COURSE ASPHALT. UPON COMPLETION OF CONTRACT, THE CONTRACTOR IS RESPONSIBLE TO FLUSH AND CLEAN ALL SEWERS & APPURTENANCES.
- CONTRACTOR TO PROVIDE THE CONSULTANT WITH A GENERAL PLAN OF SERVICES INDICATING ALL SERVING AS-BUILT INFORMATION SHOWN ON THIS PLAN. AS-BUILT INFORMATION MUST INCLUDE: PIPE MATERIAL, SIZES, LENGTHS, SLOPES, INVERT AND TIO ELEVATIONS, STRUCTURE LOCATIONS, VALVE AND HYDRANT LOCATIONS, TWM ELEVATIONS AND ANY ALIGNMENT CHANGES, ETC.

BENCHMARK NOTES:

- ELEVATIONS SHOWN ARE GEODETIC AND ARE REFERRED TO CITY OF OTTAWA 2016-0350, HAVING A PUBLISHED ELEVATION OF 84.947 METRES (CGVD2878).
- IT IS THE RESPONSIBILITY OF THE USER OF THIS INFORMATION TO VERIFY THAT THE JOB BENCHMARK HAS NOT BEEN ALTERED OR DISTURBED AND THAT ITS RELATIVE ELEVATION AND DESCRIPTION AGREES WITH THE INFORMATION SHOWN ON THIS DRAWING.
- BENCHMARK WAS PROVIDED ON PLAN OF SURVEY BLOCK 241, REGISTERED PLAN 44-1617, CITY OF OTTAWA, SURVEYED BY J.D. BARNES LIMITED.



WATERMAIN NOTES:

- SPECIFICATIONS:

| ITEM | SPEC. No. | REFERENCE |
|--|---------------|----------------|
| WATERMAIN TRENCHING | W17 | CITY OF OTTAWA |
| THERMAL INSULATION IN SHALLOW TRENCHES | W22 | CITY OF OTTAWA |
| THERMAL INSULATION BY OPEN STRUCTURES | W23 | CITY OF OTTAWA |
| CONCRETE THRUST BLOCKS (UNDER 400mmØ) | W24 | CITY OF OTTAWA |
| THRUST BLOCK TABLE (UNDER 400mmØ) | W25 | CITY OF OTTAWA |
| WATERMAIN CROSSING BELOW SEWER | W26 | CITY OF OTTAWA |
| WATERMAIN CROSSING ABOVE SEWER | W27 | CITY OF OTTAWA |
| FLOW MONITORING CHAMBER | W3.1 | CITY OF OTTAWA |
| WATERMAIN (100mmØ AND LARGER) | PVC DR 18 | CITY OF OTTAWA |
| WATERMAIN (50mmØ AND SMALLER) | TYPE K COPPER | CITY OF OTTAWA |
- SUPPLY AND CONSTRUCT ALL WATERMANS AND APPURTENANCES IN ACCORDANCE WITH THE CITY OF OTTAWA STANDARDS AND SPECIFICATIONS. EXCAVATION, INSTALLATION, BACKFILL AND RESTORATION OF ALL WATERMANS BY THE CONTRACTOR. CONNECTIONS AND SHUT-OFFS AT THE MAIN AND CHLORINATION OF THE WATER SYSTEM SHALL BE PERFORMED BY CITY OFFICIALS. EXCAVATION, INSTALLATION OF SERVICE, BACKFILL AND RESTORATION BY THE CONTRACTOR.
- EXCAVATION, INSTALLATION, BACKFILL AND RESTORATION OF ALL WATERMANS BY THE CONTRACTOR. CONNECTIONS AND SHUT-OFFS AT THE MAIN AND CHLORINATION OF THE WATER SYSTEM SHALL BE PERFORMED BY CITY OFFICIALS. EXCAVATION, INSTALLATION OF SERVICE, BACKFILL AND RESTORATION BY THE CONTRACTOR.
- WATERMAIN SHALL BE MINIMUM 2.4m DEPTH BELOW GRADE UNLESS OTHERWISE INDICATED, WHERE DEPTH OF COVER IS LESS THAN 2.4m. WATERMAIN SHALL BE INSULATED PER CITY OF OTTAWA STANDARD DETAIL W22. WATERMAIN SHALL BE INSULATED BY OPEN STRUCTURES PER W23.
- PROVIDE MINIMUM 0.25m CLEARANCE BETWEEN OUTSIDE OF PIPES AT ALL CROSSINGS.
- WATER SERVICE IS TO BE CONSTRUCTED TO WITHIN 1.0m OF FOUNDATION WALL AND CAPPED, UNLESS OTHERWISE INDICATED.

| 250mmØ WATERMAIN TABLE | | | | |
|------------------------|----------------|------------------|--|--|
| CHAINAGE | FINISHED GRADE | TOP OF WATERMAIN | COMMENT | |
| 5+000.0 | 100.93 | 98.81 | CONNECT TO EXISTING WITH 22.5° VERT BEND | |
| 5+000.9 | 100.92 | 98.35 | 22.5° VERTICAL BEND | |
| 5+002.5 | 100.91 | 98.35 | VALVE AND VALVE BOX | |
| 5+004.1 | 100.89 | 98.35 | 250mm x 150mm CROSS CONNECTION | |
| 5+004.9 | 100.87 | 98.35 | VALVE AND VALVE BOX | |
| 5+005.6 | 100.86 | 98.35 | 250mm x 150mm CROSS CONNECTION | |
| 5+010.6 | 100.75 | 98.35 | 250mm x 250mm TEE CONNECTION | |
| 5+014.8 | 100.75 | 98.35 | TOP OF WATERMAIN ELEVATION | |
| 5+031.5 | 100.30 | 97.90 | TOP OF WATERMAIN ELEVATION | |
| 5+056.5 | 100.02 | 96.46 | TOP OF WATERMAIN ELEVATION | |
| 5+060.5 | 98.48 | 96.51 | VALVE AND VALVE BOX | |
| 5+064.7 | 98.40 | 96.56 | 22.5° VERTICAL BEND | |
| 5+068.5 | 98.08 | 95.68 | 250mm x 250mm TEE CONNECTION (ROTATED) | |

| 250mmØ WATERMAIN TABLE * | | | | |
|--------------------------|----------------|------------------|---------------------------------------|--|
| CHAINAGE | FINISHED GRADE | TOP OF WATERMAIN | COMMENT | |
| 6+000.0 | 101.05 | 98.85 | CONNECT TO EXISTING 250mmØ WATERMAIN | |
| 6+013.0 | 101.32 | 98.66 | VALVE AND VALVE BOX | |
| 6+014.7 | 101.36 | 98.63 | DISTRICT METER AREA CHAMBER (DMA) | |
| 6+016.3 | 101.38 | 98.60 | 45° HORIZONTAL BEND | |
| 6+021.6 | 101.16 | 98.50 | WATER CROSSING (0.25m SEPARATION MIN) | |
| 6+027.3 | 100.88 | 98.40 | 45° HORIZONTAL BEND | |
| 6+029.0 | 100.75 | 98.35 | CONNECT TO PROPOSED 250mmØ WATERMAIN | |

| SEWER PIPE CROSSING TABLE | | | | |
|---------------------------|-------------------------|----------------------|-----------|--|
| CROSSING | HIGHER PIPE | LOWER PIPE | CLEARANCE | |
| ① | 250mmØ WM BOTTOM=98.55 | 200mmØ SAN TOP=96.51 | ± 2.04m | |
| ② | 250mmØ WM BOTTOM=98.51 | 150mmØ STM TOP=96.24 | ± 2.27m | |
| ③ | 150mmØ WM BOTTOM=99.05 | 250mmØ WM TOP=98.58 | ± 0.47m | |
| ④ | 150mmØ WM BOTTOM=98.14 | 250mmØ WM TOP=98.51 | ± 0.37m | |
| ⑤ | 250mmØ WM BOTTOM=98.21 | 200mmØ SAN TOP=97.76 | ± 0.45m | |
| ⑥ | 250mmØ WM BOTTOM=98.17 | 200mmØ SAN TOP=97.74 | ± 0.43m | |
| ⑦ | 250mmØ WM BOTTOM=98.09 | 200mmØ STM TOP=97.72 | ± 0.37m | |
| ⑧ | 250mmØ WM BOTTOM=98.09 | 200mmØ SAN TOP=97.72 | ± 0.37m | |
| ⑨ | 200mmØ STM BOTTOM=97.47 | 250mmØ SAN TOP=95.68 | ± 1.79m | |
| ⑩ | 200mmØ SAN BOTTOM=95.78 | 900mmØ STM TOP=94.92 | ± 1.06m | |
| ⑪ | 250mmØ WM BOTTOM=98.15 | 900mmØ STM TOP=94.91 | ± 3.24m | |
| ⑫ | 150mmØ WM BOTTOM=98.00 | 900mmØ STM TOP=94.90 | ± 3.10m | |
| ⑬ | 150mmØ WM BOTTOM=98.09 | 300mmØ SAN TOP=94.10 | ± 3.29m | |
| ⑭ | 150mmØ WM BOTTOM=98.09 | 300mmØ SAN TOP=94.10 | ± 3.29m | |
| ⑮ | 250mmØ STM BOTTOM=96.93 | 250mmØ SAN TOP=95.88 | ± 1.05m | |
| ⑯ | 250mmØ STM BOTTOM=96.96 | 250mmØ WM TOP=96.46 | ± 0.50m | |

NOTE:
THE POSITION OF ALL POLE LINES, CONDUITS, WATERMANS, SEWERS AND OTHER UNDERGROUND AND OVERGROUND UTILITIES AND STRUCTURES IS NOT NECESSARILY SHOWN ON THE CONTRACT DRAWINGS, AND WHERE SHOWN, THE ACCURACY OF THE POSITION OF SUCH UTILITIES AND STRUCTURES IS NOT GUARANTEED. BEFORE STARTING WORK, DETERMINE THE EXACT LOCATION OF ALL SUCH UTILITIES AND STRUCTURES AND ASSUME ALL LIABILITY FOR DAMAGE TO THEM.

| SCALE | | | |
|-----------------|------------------------------|-----------|----|
| 1:400 | | | |
| 0 4 8 12 16 | | | |
| FOR REVIEW ONLY | | | |
| DESIGN | MS / LSC | | |
| CHECKED | MS | | |
| DRAWN | LSC | | |
| CHECKED | MS | | |
| APPROVED | MS | | |
| 2 | REVISED AS PER CITY COMMENTS | APR 10/25 | MS |
| 1 | ISSUED FOR SPC APPLICATION | JAN 17/25 | MS |
| No. | REVISION | DATE | BY |

NOVATECH
Engineers, Planners & Landscape Architects
Suite 200, 240 Michael Cowpland Drive
Ottawa, Ontario, Canada K2M 1P6
Telephone (613) 254-9643
Facsimile (613) 254-5867
Website www.novatech-eng.com

LOCATION
CITY OF OTTAWA
150 DUN SKIPPER DRIVE

DRAWING NAME
GENERAL PLAN OF SERVICES

PROJECT No.
124107
REV # 2
124107-GP1